

## Draft Maintenance Concept Remains Consistent with Prior Fiscal Year

Statement of Work (SOW)  
for the  
Inspect and Repair Only As Necessary (IROAN)  
of the  
AN/TPS-59(V)3  
Tilt Sensing Unit  
NSN 5840-01-143-2037

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor to IROAN the AN/TPS-59(V)3 Tilt Sensing Unit, NSN 5840-01-143-2037, Part Number 7343228G1, CAGE 03538, (hereafter referred to as Tilt Sensing Unit). This document contains requirements to restore the Tilt Sensing Unit to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material that is serviceable and issuable to all customers without limitation or restriction, including material with more than six months shelf-life remaining".

1.1 Background. IROAN is defined as "that maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement".

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplements thereto which are in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirements.

2.1 Military Standards

MIL-STD-2073-ID(1)	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage

2.2 Other Government Documents and Publications

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
Engineering Drawing 7343228, CAGE 03538	Sensing Unit, Antenna Tilt

Engineering Drawing  
7343228G1, CAGE 03538

Parts List, Sensing Unit, Antenna Tilt

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000

Quality Management Systems-Requirements

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for Configuration  
Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179, or on the Internet at <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained from Commanding General (Code 586), Whse 1121, 814 Radford Blvd., STE 20321, Marine Corps Logistics Command, Albany, Georgia 31704-3019, commercial telephone number (229) 639-5818-8988 or DSN 567-5818. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 566-1, 814 Radford Blvd. STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 The Contractor shall repair the Tilt Sensing Unit strictly in accordance with the requirements as specified in Engineering Drawing 7343228 and Parts List 7343228G1, CAGE 03538. Additionally, the Contractor shall be responsible for developing a test requirements plan and documenting the test results in a Test Data Report (TDR). The Contractor shall be responsible for all parts, materials, labor, facilities, tools, and test equipment necessary to inspect and repair only as necessary the equipment in accordance with this SOW.

3.2 Packaging, Handling, Storage and Transportation (PHS&T)

3.2.1 The Contractor shall be responsible for preservation and packaging of item(s) being repaired under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D(1), Appendix A, Table A.VI., Electronic Equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements.

NOTE: Level "A" preservation and packaging shall normally be required due to the anticipated long-term storage requirements. Exceptions: Items that have a confirmed immediate use will be identified in writing by the Logistics Management Specialist (LMS), Marine Corps Systems Command (MCSC), Battlespace Management and Air Defense Systems (BMADS), Albany, Georgia 31704-0343.

3.2.2 Marking for shipment and storage shall be in accordance with MIL-STD-129.

3.2.3 The Marine Corps shall provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The Contractor shall apply configuration control procedures to established configuration baseline items. The Contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. All permanent changes to the baseline shall be by Engineering Change Proposal (ECP). If it is necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA) (Code 581-1B) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. Assets being repaired shall not be considered GFE/GFM. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD 1348 to Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor shall requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11, provides guidance to Contractors on the requisitioning process. The Contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems-Requirements.

4.0 REPORTS. The Contractor shall develop a Test Data Report (TDR), in Contractor format, based on test requirements developed by the Contractor (in accordance with this SOW), which

references this SOW, the NSN, part number, and serial number of the Tilt Sensing Unit. Upon request, the Contractor shall submit a copy of the TDR via regular mail or facsimile to the Logistics Management Specialist (LMS), MCSC (BMADS). The mailing address is Commanding General, Marine Corps Systems Command, Attn: Logistics Management Specialist, BMADS, 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343. The LMS can be reached at commercial telephone number (229) 639-7618 or DSN 567-7618. Facsimiles may be sent to (229) 639-6545 or DSN 567-6545, Attn: Logistics Management Specialist, BMADS.